



EPA Region 5 Records Ctr.



317093

January 10, 2008
(Via certified or express mail)

Mr. Kevin Turner-Environmental Scientist, OSC
U. S. Environmental Protection Agency
c/o Crab Orchard National Wildlife Refuge
8588 Rt. 148
Marion, IL 62959

Mr. Thomas Martin, Esq.
Associate Regional Counsel
77 West Jackson Boulevard (C-14J)
Chicago, IL 60604-3590

**Re: Sauget Sites Area I - May 31, 2000 Unilateral Administrative Order (UAO)
Sediment / Soils Removal Action
Monthly Report; December 1 – December 31, 2007 Reporting Period**

Dear Mr. Turner and Mr. Martin,

Enclosed is the Monthly Report for the Sauget Sites Area I May 31, 2000 Unilateral Administrative Order ("UAO") Sediment Removal Action. This submittal is in fulfillment of the monthly reporting requirements of the UAO, Section V, and paragraph 3.4. Reporting and covers the period from December 1 to December 31, 2007.

Sincerely,

A handwritten signature in black ink, appearing to read "S. D. Smith", written over a horizontal line.

Steven D. Smith
Project Coordinator

cc: ~~Internal Use Only - USEPA Region 5~~

Sandra Bron - IEPA
Mike Coffey - USFW
Richard Williams - Solutia
Cathleen Bumb - Solutia
Mayor Frank Bergman - Cahokia
Village of Sauget – c/o P. H. Weis & Associates (Attn: Brian Nelson)
Mayor R. Sauget - Sauget, IL
L. Glen Kurowski- Monsanto
Linda Tape - Husch & Eppenberger

Sauget Sites Area I - Sauget, Illinois

May 31, 2000 UAO – Dead Creek Sediment Removal Action

Status Report

Date of Report: January 10, 2008
Period Covered: December 1, 2007 – December 31, 2007

Work Performed During the Reporting Period

Groundwater Monitoring

- *Revision 01 of the Draft Groundwater Monitoring Plan - submitted to the Agencies on August 3, 2001. Although it has not received Agency approval, it has been implemented.*

TSCA Containment Cell

- *The Operations and Maintenance Report - submitted for the Agencies' review and approval on August 28, 2001- remains under review. Portions of the Plan applicable to the placement of sediments have been approved.*
- Performed inspections of the site.
- Maintained stormwater and leachate collection controls around the containment cell.
- Monitored support area facilities.
- Collected fourth quarter 2007 groundwater samples from the monitoring wells around the containment cell.

Dead Creek

Construction of the lining in Creek sector B continued throughout the month of December. By the end of the month, approximately 90 percent of the fill placement along the banks of the creek had been completed and geosynthetics had been deployed and welded from Queeny Avenue to within 300 feet of Judith Lane. Bad weather in the second half of December prevented the completion of the fill placement and, hence, the completion of the synthetic portion of the liner. Despite the bad weather, however, the contractor was able to complete placement of bedding stone in the bottom of the creek and to begin placement on the west bank of the creek. Because of weather delays in

November and December, it is estimated that the project completion will be delayed by 4 to 6 weeks.

During a May 24th teleconference, EPA requested that submittal of a Technical Memorandum summarizing the results of the additional excavation in Dead Creek be delayed until the results of an investigation into the potential for cadmium to leach from soils in Dead Creek into groundwater can be incorporated. A report presenting the results of that investigation was submitted on October 25th. Comments were received from the Agency on November 27th and the revised report incorporating those comments will be submitted to the Agency in early January 2008. . During a meeting on October 11th, the Agency further requested that a comprehensive construction completion report be prepared summarizing all of the removal work carried out in Dead Creek. That report will include details of the culvert construction in Creek Sector F, sediment removal performed in 2001 and 2002, details of the containment cell construction, information on the additional excavations performed in 2005 and 2006, and the results of the investigation into the potential for cadmium to leach into groundwater. That report is being prepared.

Data Submittal

No data are submitted with this report.

Work Scheduled for Next Reporting Period

- Conduct routine inspection of the containment cell.
- Perform necessary operation and maintenance activities on the containment cell and temporary treatment system.
- Continue to fund the Village of Cahokia's operation of the creek dewatering system.
- Analyze the fourth quarter 2007 groundwater samples from the wells around the containment cell.
- Continue work on the installation of the liner in CS-B.

PROJECT COMPLETION

Mobilization	100 %
Berm Construction	100 %
Liner Installation	100 %
Sediment Removal Preparation	100 %
Sediment Excavation (Site M)	100 %
Sediment Excavation (Original Scope of Work)	100 %
Sediment Excavation (Sector F)	100 %
Temporary Cover installation	100 %
Demobilization - Phase I	100 %
Final Cover Installation	0 %
Demobilization - Phase II	0 %
Final Report Preparation	0 %